

**From:** [Lindsey Austin](#)  
**To:** [Criner, Jeffrey J.](#)  
**Cc:** [Brescia, Nicolas](#); [Moore, Gary](#); [Gavlas, Sean](#); [d.edgington@erllc.com](mailto:d.edgington@erllc.com); [Delgado, Paige](#); [Lara, Alex](#); [Robertson, David](#)  
**Subject:** RE: R06-FJ Doyle site-Leonard TX - Weekly summary (2/11-16/2019)  
**Date:** Saturday, February 16, 2019 4:32:44 PM

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Jeff,

See below for a summary of activities this past week, and tentatively planned activities for the next two days 2/17 and 2/18.

**ERRS Activities (2/11 through 2/16)**

2/11/19 (No air monitoring due to rain, wet conditions, high humidity, and saturated soil.

- Itasca landfill, TSCA soil disposal facility, not accepting waste due to wet weather conditions
- No excavation or T&D activities
- Created temporary drainage paths in FJD04-07 and along DRA07W allowing water to drain to the FJD04-02 excavation area, to aid site dewatering.
- Pumped out standing water/storm water in FJD04-02 excavation area into DRA026
  - Standing water averaged 6-12"
- Scraped/removed mud from N poplar site entrance
- Received 4 loads of backfill material
- ERRS applied poly on back fill piles in FJD05 staging area to prevent sediment run off

2/12/19 (Air monitors in static locations with wind out of the NNW)

- Itasca Landfill accepting TSCA landfill waste
- Tilled backfill in FJD04 parcel to allow more soil to be exposed to wind to dry faster.
- Applied more backfill to FJD04-04
- Pumped out storm water in FJD04-02 excavation area into DRA026
- Compacted/rolled out backfill in FJD04-04 and FJD04-06 then re-tilled again to aid in dewatering of the soil
- Scraped/removed mud from fill material staging area entrance in FJD05 parcel.
- T&D Summary
  - (11) TSCA waste loads removed from the site (some reached Itasca/some pre-loaded)

2/13/19 (Air monitors in static locations, PM4 set up in eastern half of DRA02, wind out of the S.)

- Rental Company removes site security fence from E. side of FJD04 parcel and N. side of FJD07 parcel (LISD Daycare).
- Continuing deliver and apply backfill to FJD04 parcel
- Continuing to spread and tamp back fill throughout the FJD04 parcel.
- Completed excavation of DRA07E, DRA08N, and FJD04-02.
- Completed excavation of non-TSCA and TSCA waste.
- Removed heel, leftover T&D TSCA waste, from the last (2) T&D trucks and lined the trucks with poly since they could no longer be deconned on-site.
- T&D of non-TSCA and TSCA waste complete.
- Created temporary drainage pathway in FJD03-01 to allowing standing stormwater to drain from the grid to DRA06.
- Final T&D Summary, non-TSCA and TSCA spoils no longer on-site.
  - (2) non-TSCA loads to Malloy landfill
  - (5) TSCA loads to Itasca landfill

2/14/19 (No air monitoring, no T&D or excavation activities)

- Continuing to backfill FJD04 parcel.
- Texas Yard pros apply sod to DRA04, DRA05, and DRA022
- Orange caution mesh applied to FJD04-02 and DRA07E
- Created temporary rock staging area in FJD04-07 and FJD04-08.
- Transporting rock and fill material from FJD05 staging area to site (FJD04 parcel)
- Texas yard pros rolled back sod in FJD03-01 in the saturated area previously holding

stormwater. Approximately 1-2" of soil was scrapped from the surface to allow for proper drainage to DRA06, then sod was reapplied.

- Fixed and applied new siding to sheds (FJD03-09 and FJD03-10)
- Surface scrapping and applying backfill to ruts in the FJD05 staging area.
- DRA08N backfilled.

2/15/19 (No air monitoring)

- Continuing to backfill northern side of FJD04 parcel.
- Continuing to transport rock from FJD04 staging area to temporary laydown area in FJD04-07.
- Surfaced scrapped and applied fill material to NE shoulder of the N. Poplar St. and E. Cottonwood intersection.
- Continuing to apply and spread backfill in FJD05 staging area.
- Begins to lay down weed barrier and rock to FJD04-3 and FJD04-05.

2/16/19 (No air monitoring)

- Continuing to backfill northern side of FJD04 parcel.
- Continuing to transport rock from FJD04 staging area to temporary laydown area in FJD04-07.
- Installed weed barrier and rock on western half of FJD04-01 and -03.
- Staged all minus rock on temporary laydown area in FJD04-07
- Completed applying minus rock to alley way (EAS03-EAS08 grids), some hand tool work still needed but very close to completion
- Completed backfilling FJD04-02 and DRA07E, focus is no on rolling/tamping and site drainage
- Broke down orange fencing on N. and E. sides of FJD04 parcel.
- Surface scrapped and graded previous fill material staging areas in FJD05-02, -3B, -05, -07, and -11.
- Cleaning debris from Hackberry St. and N. Poplar St.

#### **Summary of confirmation samples collected**

- DRA08N-20190213-18-56 (Also collected MS/MSD sample)
  - Results received on 2/16/19 – PASSED
- DRA07E-20190213-48-56 (Also collected duplicate sample DRA07E-20190213-48-57)
  - Results received on 2/16/19 – PASSED
- FJD04-02-20190213-48-56 (Also collected SPLP sample)
  - Confirmation sample (...-56) Results received on 2/19/19 – PASSED
  - SPLP results not yet received

#### **EVENTS**

2-12-19 - Property surveyor on-site to assess fence line separating FJD03 and FJD04 parcels.

2-13-19 - ERRS discovers a water line leak in DRA09, notified the City of Leonard, and excavated the line. City of Leonard responded and repaired the line at 1600.

2-14-19 and 2-15-19, Demobe of equipment from mobile office.

- Air monitors and sampling equipment returned to Weston Solutions DTX Office.
- EPA owned tables, chairs, majority of maps, and heavy duty electrical cord given to EPA OSC P. Delgado.

2-15-19 – Property surveyor returns to site and stakes fence line separating FJD03 and FJD04 parcels

2-14-19 - Air monitors and associated equipment shipped back to Pine Environmental.

2-15-19 - Additional sewage issues observed behind (b) (6) residential addresses (FJD09-04 and FJD08-05). Plumber discovered Sewage line break approx. 3 ft. under EAS07. City of Leonard responded and repaired the line at 1645.

#### **FOLLOWING DAYS**

2/17/19 – PLANNED ACTIVITIES

- Roll/tamp backfill and create proper stormwater drainage.
- Continuing to work on parking lot in FJD04 parcel by laying down weed barrier and applying rock and hopefully finish parking lot.

2/18/19 – PLANNED ACTIVITIES

- Receive last backfill and topsoil loads in preparation for applying hydro-seed to FJD05 parcel.
- Breakdown orange fencing around the site.
- Clean up roadways around site

Let me know if you have any questions,

**Austin Lindsey**

**Project Scientist - START**

Weston Solutions, Inc.

2600 Dallas Pkwy, Suite 280

Frisco, TX 75034-8697

(469) 666-5514 (Office)

(817) 637-4262 (Cell)

[austin.lindsey@westonsolutions.com](mailto:austin.lindsey@westonsolutions.com)

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**From:** Lindsey, Austin

**Sent:** Saturday, February 9, 2019 2:10 PM

**To:** Criner, Jeffrey J. <Jeff.Criner@WestonSolutions.com>

**Cc:** 'Brescia, Nicolas' <brescia.nicolas@epa.gov>; 'Moore, Gary' <Moore.Gary@epa.gov>; Gavlas, Sean <Sean.Gavlas@WestonSolutions.com>; 'd.edgington@erllc.com' <d.edgington@erllc.com>; 'delgado.paige@epa.gov' <delgado.paige@epa.gov>; Lara, Alex <Alex.Lara@WestonSolutions.com>

**Subject:** RE: R06-FJ Doyle site-Leonard TX - Weekly summary

Jeff,

See below for a summary of activities this past week.

**ERRS Activities (2/4 through 2/9)**

2/4/19 (Air monitors in static locations with wind out of the south, southwest)

- Excavation of DRA08S begins.
- Continuation of FJD05-01 backfilling.
- Continuation of T&D of non-TSCA spoils to Malloy landfill.
- Continuation of live excavation of FJD04-04 soils straight into T&D to Itasca landfill.
- Compaction is complete in FJD05-01.
- Applied top soil and grades FJD03-07 and FJD03-08.
- Begins compaction of FJD04-08.
- Watered grass/sod in FJD06-01, FJD07-01, and FJD08-01 with the water truck.
- T&D Daily Summary
  - (3) non-TSCA loads to Malloy Landfill
  - (7) TSCA loads to Itasca Landfill

2/5/19 (Air monitors in static locations, PM 4 set up on east side of DRA02 with wind out of the south)

- Continuing T&D of non-TSCA spoils.
- Continuation of live excavation of TSCA spoils in FJD04-04 straight into T&D to Itasca landfill.
- Removed remaining stockpiled non-TSCA soils from the site.
  - Only remaining non-TSCA soil is in DRA07E.
- TSCA soil stocked piled on FJD04-02 and covered with poly.
- Excavated DRA08S to a depth of 18" bgs due to a Leonard water line running through the grid.
- Excavated FJD04-04 to an average depth of 48" bgs (to bedrock).
- Repaired shoulder ruts along N. Poplar street from E. Cottonwood to 69.
- T&D Daily Summary
  - (2) non-TSCA loads to Malloy Landfill
  - (7) TSCA loads to Itasca Landfill

2/6/19 (No air monitoring due to rainy conditions, high humidity, and forecasted thunderstorms)

- Itasca landfills (TSCA waste disposal site) not accepting waste due to weather conditions.
- No excavation or T&D activities on-site.
- Backfilling FJD04-01, DRA04, DRA05, and DRA07W.
- Compacting topsoil in FJD03-06 and -08.
- Applied orange caution liner on the remaining eastern portions of FJD04-03 and covered the liner with backfill.
- Applied sod to the remaining eastern side of FJD03-02,-04,-06,-08N, and DRA02, DRA03, and DRA06.
- Repaired roadway shoulder in DRA020 and applied straw.

2/7/19 (Air monitors in static locations, PM 4 set up in the center of DRA025 with wind out of NNW)

- Continuing T&D of TSCA spoils.
- Began excavation of FJD04-02.
- Installed insulation over and covered City of Leonard water line with fill in grid DRA08S, in preparation for a cold weather event.
- Pumped out standing water from DRA04 and DRA05 into DRA032/E. Cottonwood drainage.
- Working on stormwater drainage in DRA04.
- Cleaned and removed fill material/sediment from Hackberry St. with the water truck.
- T&D Summary
  - (27) TSCA waste loads removed from the site (some reached Itasca/some pre-loaded)

2/8/19 (Air monitors in static locations, PM-4 in same location as 2/7/19, wind out NNE)

- Continuing T&D of TSCA spoils.
- Continuing excavation of FJD04-02 when not loading T&D truck.
- Began backfilling FJD04-04.
- Continuing to backfill eastern edges of FJD04-01 and FJD04-03.
- Finished removing/pumping out standing water from out DRA04. Water pumped to DRA032.
- Finished stormwater drainage in DRA05.
- Began stormwater drainage path in DRA04.
- Installed t-post and caution tape alongside the northern edge of E. Cottonwood to protect SOD on DRA02 and DRA03.
- Installed security/traffic fencing along the eastern edge of FJD04-04.
- T&D Summary
  - (19) TSCA waste loads removed from the site (some reached Itasca/some pre-loaded)

2/9/2019 (No air monitoring)

- No T&D or excavation activities on-site.
- Pumped out standing water in FJD04-04 into DRA026 (DRA025 not draining well).
- Continuing to apply backfill in FJD04-01, FJD04-03, and FJD04-04.
- Continuing to working on drainage and applying topsoil to DRA04.
- Topsoil applied to DRA05.
- Began to apply minus rock to the alley way (EAS01-08).
- Rolled (compacted) alley way.
- Swept and removed fill material/sediment from the Leonard elementary school parking lot S. of Hackberry St.

### **Summary of confirmation samples collected**

- DRA08S-20190205-48-56 (Also collected duplicate sample DRA08S-20190205-48-57)
  - Results received on 2/7/19 – FAILED for Mn
- FJD04-04-20190205-18-56 (Also collected SPLP sample from excess volume)
  - Results received on 2/7/19 – PASSED

### **Events**

- On 2/4/2019 START Austin Lindsey transitioned with START Sean Gavlas.
- On 2/4/2019 EPA, ERRS, and START conducted a site survey with City of Leonard to assess damages to E. Cottonwood St. and N. Poplar St.

- The City of Leonard will generate a quote for roadway repairs to be billed to the project.
  - 2/5/19, City of Leonard received road repair write up with map.
- On 2/6/2019 a rental property owner stated there was a residential sewage line issue, ERRS contacted a plumber and on 2/7/19 the plumber discovered and removed a clog in the line.
- On 2/7/19 Omar Valdez (TCEQ-Removal Section, Program Coordinator) conducted a final walkthrough of the site.
  - EPA OSC Brescia discussed project scope, progress, and remaining work with Omar.
  - Omar requested a map with confirmation sampling results and excavation depths per grid be included in the final report.

Let me know if you have any questions,

Respectfully,

**Austin Lindsey**

**Project Scientist - START**

Weston Solutions, Inc.

2600 Dallas Pkwy, Suite 280

Frisco, TX 75034-8697

(469) 666-5514 (Office)

(817) 637-4262 (Cell)

[austin.lindsey@westonsolutions.com](mailto:austin.lindsey@westonsolutions.com)

---

**From:** Lindsey, Austin

**Sent:** Friday, February 8, 2019 9:27 AM

**To:** 'ERT Support' <[ERTSupport@epa.gov](mailto:ERTSupport@epa.gov)>

**Cc:** Ma, Long <[Long.Ma@WestonSolutions.com](mailto:Long.Ma@WestonSolutions.com)>; 'Brescia, Nicolas' <[brescia.nicolas@epa.gov](mailto:brescia.nicolas@epa.gov)>;

'Moore, Gary' <[Moore.Gary@epa.gov](mailto:Moore.Gary@epa.gov)>; Gavlas, Sean <[Sean.Gavlas@WestonSolutions.com](mailto:Sean.Gavlas@WestonSolutions.com)>;

'd.edgington@erllc.com' <[d.edgington@erllc.com](mailto:d.edgington@erllc.com)>; Bay, Eric <[Eric.Bay@WestonSolutions.com](mailto:Eric.Bay@WestonSolutions.com)>

**Subject:** RE: R06-FJ Doyle site-Leonard TX

Good morning,

Four monitors are up and running and ready for assignment.

PM1, PM2, and PM3 have not changed.

PM 4 remains at the 2-7-19 location, lat: 33.389052°, long: -96.242790°

Respectfully,

**Austin Lindsey**

**Project Scientist - START**

Weston Solutions, Inc.

2600 Dallas Pkwy, Suite 280

Frisco, TX 75034-8697

(469) 666-5514 (Office)

(817) 637-4262 (Cell)

[austin.lindsey@westonsolutions.com](mailto:austin.lindsey@westonsolutions.com)

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**From:** Lindsey, Austin

**Sent:** Thursday, February 7, 2019 10:22 AM

**To:** 'ERT Support' <[ERTSupport@epa.gov](mailto:ERTSupport@epa.gov)>

**Cc:** Ma, Long <[Long.Ma@WestonSolutions.com](mailto:Long.Ma@WestonSolutions.com)>; Brescia, Nicolas <[brescia.nicolas@epa.gov](mailto:brescia.nicolas@epa.gov)>;

Moore, Gary <[Moore.Gary@epa.gov](mailto:Moore.Gary@epa.gov)>; Gavlas, Sean <[Sean.Gavlas@WestonSolutions.com](mailto:Sean.Gavlas@WestonSolutions.com)>;

[d.edgington@erllc.com](mailto:d.edgington@erllc.com)

**Subject:** RE: R06-FJ Doyle site-Leonard TX

Good morning, I waited for some early morning rain and storms to clear out.

Four monitors are up and running and ready for assignment.

PM1, PM2, and PM3 have not changed.

PM 4 has moved and is now at lat: 33.389052°, long: -96.242790°

Respectfully,

**Austin Lindsey**

**Project Scientist - START**

Weston Solutions, Inc.

2600 Dallas Pkwy, Suite 280

Frisco, TX 75034-8697

(469) 666-5514 (Office)

(817) 637-4262 (Cell)

[austin.lindsey@westonsolutions.com](mailto:austin.lindsey@westonsolutions.com)

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**From:** ERT Support [<mailto:ERTSupport@epa.gov>]

**Sent:** Wednesday, February 6, 2019 8:34 AM

**To:** Lindsey, Austin <[Austin.Lindsey@WestonSolutions.com](mailto:Austin.Lindsey@WestonSolutions.com)>

**Cc:** Ma, Long <[Long.Ma@WestonSolutions.com](mailto:Long.Ma@WestonSolutions.com)>; Brescia, Nicolas <[brescia.nicolas@epa.gov](mailto:brescia.nicolas@epa.gov)>;

Moore, Gary <[Moore.Gary@epa.gov](mailto:Moore.Gary@epa.gov)>; Gavlas, Sean <[Sean.Gavlas@WestonSolutions.com](mailto:Sean.Gavlas@WestonSolutions.com)>;

[d.edgington@erllc.com](mailto:d.edgington@erllc.com)

**Subject:** Re: R06-FJ Doyle site-Leonard TX

**\*\* External Email \*\***

Thank you Austin.

For Additional Information Please Contact

ERT Software Support

1-800-999-6990

1-732-321-6724 (fax)

[ertsupport@epa.gov](mailto:ertsupport@epa.gov)

[www.ertsupport.org](http://www.ertsupport.org)

---

**From:** Lindsey, Austin <[Austin.Lindsey@WestonSolutions.com](mailto:Austin.Lindsey@WestonSolutions.com)>

**Sent:** Wednesday, February 6, 2019 9:30 AM

**To:** ERT Support

**Cc:** [Long.Ma@WestonSolutions.com](mailto:Long.Ma@WestonSolutions.com); Brescia, Nicolas; Moore, Gary; Gavlas, Sean;

[d.edgington@erllc.com](mailto:d.edgington@erllc.com)

**Subject:** RE: R06-FJ Doyle site-Leonard TX

Good morning,

We will not be deploying air monitors today due to general rainy conditions on-site, high humidity (97%), and isolated thunderstorms in the forecast.

We're also not excavating or doing T&D today.

Respectfully,

**Austin Lindsey**

**Project Scientist - START**

Weston Solutions, Inc.  
2600 Dallas Pkwy, Suite 280  
Frisco, TX 75034-8697  
(469) 666-5514 (Office)  
(817) 637-4262 (Cell)  
[austin.lindsey@westonsolutions.com](mailto:austin.lindsey@westonsolutions.com)

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**From:** Lindsey, Austin  
**Sent:** Tuesday, February 5, 2019 9:59 AM  
**To:** 'ERT Support' <[ERTSupport@epa.gov](mailto:ERTSupport@epa.gov)>  
**Cc:** Ma, Long <[Long.Ma@WestonSolutions.com](mailto:Long.Ma@WestonSolutions.com)>  
**Subject:** RE: R06-FJ Doyle site-Leonard TX

Good morning, I waited for some fog and humidity to clear out this morning.  
Four monitors are up and running and ready for assignment.  
PM1, PM2, and PM3 have not changed.  
PM 4 has moved and is now at lat: 33.389819°, long: -96.242971°  
Respectfully,

***Austin Lindsey***

**Project Scientist - START**

Weston Solutions, Inc.  
2600 Dallas Pkwy, Suite 280  
Frisco, TX 75034-8697  
(469) 666-5514 (Office)  
(817) 637-4262 (Cell)  
[austin.lindsey@westonsolutions.com](mailto:austin.lindsey@westonsolutions.com)

---

**From:** Lindsey, Austin  
**Sent:** Monday, February 4, 2019 8:52 AM  
**To:** 'ERT Support' <[ERTSupport@epa.gov](mailto:ERTSupport@epa.gov)>  
**Cc:** Ma, Long <[Long.Ma@WestonSolutions.com](mailto:Long.Ma@WestonSolutions.com)>  
**Subject:** R06-FJ Doyle site-Leonard TX

Good morning,  
Today I am transitioning with Sean Gavlas and moving forward will be the project team lead for FJ Doyle  
Four monitors up and running and are ready for assignment,  
No change in monitoring locations.

Respectfully,

***Austin Lindsey***

**Project Scientist - START**

Weston Solutions, Inc.  
2600 Dallas Pkwy, Suite 280  
Frisco, TX 75034-8697  
(469) 666-5514 (Office)  
(817) 637-4262 (Cell)  
[austin.lindsey@westonsolutions.com](mailto:austin.lindsey@westonsolutions.com)

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